

COMPLETE IF KNOWN

10/690,979

Stephen ARNOLD

Attorney Docket Number

First Named Inventor

Application Number

Modified PTO/SB/01 (10-01)
Approved for use through 10/31/2002, OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. **DECLARATION AND POWER OF** Poly-46

ATTORNEY FOR UTILITY OR DESIGN

PATENT APPLICATION

(37 CFR 1.63)

Submitted OR Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required) As the below named inventor, I hereby declare that: My residence, mailing address, and clitzenship are as stated below next to my name. I believe I am the original and first inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled: ENHANCING THE SENSITIVITY OF A MICROSPHERE SENSOR (Title of the Invention) the specification of which Was filed on (MM/DD/YYYY) October 22, 2003 as United States Application Number or PCT International Application Number 10/690,979 and was amended on (MM/DD/YYYY) (if applicable). I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any smendment specifically referred to above. I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any smendment specifically referred to above. I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any smendment specifically referred to above. I hereby claim foreign priority benefits and above. I hereby claim foreign priority benefits and adoption which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the priori application and the national or PCT international application which designated at least one country other than the United breeder's rights certificate(s), or any PCT international application having a filing date of the control yother than the United Visamed. Prior Foreign Application Number(s) Country Foreign Filing Date Priority Not Claimed Visa No	Declarat	ion	X Declar	ation	Filing Date	October 22, 20)03		
As the below named inventor, I hereby declare that: My residence, mailing address, and citizenship are as stated below next to my name. I believe I am the original and first inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled: ENHANCING THE SENSITIVITY OF A MICROSPHERE SENSOR Critile of the Invention I is attached hereto OR	Submitte	ed OR	Submi	itted after Initial	Art Unit	2875			
My residence, mailing address, and citizenship are as stated below next to my name. I believe I am the original and first inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled: ENHANCING THE SENSITIVITY OF A MICROSPHERE SENSOR (Title of the Invention) the specification of which is attached hereto OR was filed on (MM/DD/YYYY) October 22. 2003 as United States Application Number or PCT International Application Number 10/690,979 and was amended on (MM/DD/YYYY) (if applicable). I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international speciation. The prior the prior application on which priority is claimed. Prior Foreign Application Number(s) Country Foreign Filing Date Priority Certified Copy Attached? YES NO		(37 ČF	R 1.16 (e))	Examiner Name	Not yet assign	ed			
Delieve I am the original and first inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled: ENHANCING THE SENSITIVITY OF A MICROSPHERE SENSOR	As the below named inventor, I hereby declare that:								
ENHANCING THE SENSITIVITY OF A MICROSPHERE SENSOR (Title of the Invention) the specification of which is attached hereto OR Was filed on (MM/DD/YYYY) October 22. 2003 as United States Application Number or PCT International Application Number 10/690,979 and was amended on (MM/DD/YYYY) (if applicable). I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the orior application and the national or PCT international fling date of the continuation-part applications are proposed as a continuation or part of the prior application and the national or PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed. Prior Foreign Application Country Foreign Filing Date (MM/DD/YYYY) Not Claimed Certified Copy Attached? YES NO	My residence, mailir	ig address, a	and citizenship	are as stated below	v next to my name.				
the specification of which is attached hereto OR was filed on (MM/DD/YYYY) October 22, 2003 as United States Application Number or PCT International Application Number 10/690,979 and was amended on (MM/DD/YYYY) (if applicable). I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international infine date of the continuation-in-part application. Thereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign applications) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) or 37 PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed. Prior Foreign Application Country Foreign Filing Date (MM/DD/YYYY) Not Claimed YES NO	I believe I am the original and first inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:								
the specification of which Is attached hereto OR Was filed on (MM/DD/YYYY) October 22, 2003 as United States Application Number or PCT International Application Number 10/690,979 and was amended on (MM/DD/YYYY) I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application. I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed. Prior Foreign Application Number(s) Country Foreign Filing Date (MM/DD/YYYY) Not Claimed YES NO	ENHANCING THE SENSITIVITY OF A MICROSPHERE SENSOR								
the specification of which Is attached hereto OR Was filed on (MM/DD/YYYY) October 22, 2003 as United States Application Number or PCT International Application Number 10/690,979 and was amended on (MM/DD/YYYY) I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application. I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed. Prior Foreign Application Number(s) Country Foreign Filing Date (MM/DD/YYYY) Not Claimed YES NO									
the specification of which Is attached hereto Is attached hereto Is attached hereto Is attached hereto Is attached on (MM/DD/YYYY) Is attached Is attached	(Title of the Invention)								
was filed on (MM/DD/YYYY) Application Number Application Number Application Number 10/690,979 and was amended on (MM/DD/YYYY) Action Number I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application. Thereby state that I have reviewed and understand the contents of the above identified below, and the contents of the continuation-in-part application, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application. Thereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed. Prior Foreign Application Country Foreign Filing Date (MM/DD/YYYY) Rot Claimed YES NO Certified Copy Attached? YES NO Certified Copy Attached?	·								
Application Number 10/690,979 and was amended on (MM/DD/YYYY) (if applicable). I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application. I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed. Prior Foreign Application Number(s) Country Foreign Filing Date (MM/DD/YYYY) Rot Claimed YES NO	is attached hereto								
I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application. Thereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed. Prior Foreign Application Number(s) Country Foreign Filing Date (MMM/DD/YYYY) Rot Claimed YES NO (MMM/DD/YYYY)	[0.14.22.2022]								
any amendment specifically referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application. I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed. Prior Foreign Application Number(s) Country Foreign Filing Date (MM//DD/YYYY) Rot Claimed YES NO Certified Copy Attached? YES NO	Application Number	10/690,9	079	and was amende	d on (MM/DD/YYYY)		(if applie	cable).	
applications, material information which became available between the filing date of the prior application and the national or PCT international filling date of the continuation-in-part application. I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed. Prior Foreign Application Number(s) Country Foreign Filing Date (MM//DD/YYYY) Rot Claimed YES NO Certified Copy Attached? YES NO									
breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed. Prior Foreign Application Number(s) Country Foreign Filing Date (MM/DD/YYYY) Not Claimed YES NO	applications, material information which became available between the filing date of the prior application and the national or PCT								
Number(s) Country (MM/DD/YŸYY) Not Claimed YES NO	breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is								
				Country					
Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SR/02B attached hereto:					, , , , , , , , , , , , , , , , , , , ,				
	Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:								

DECLARATION AND POWER OF ATTORNEY Utility or Design Patent Application

Power of Attorney:

As a named inventor, I hereby appoint:

John C. Pokotylo (Reg. No. 36,242) Michael P. Straub (Reg. No. 36,941) Ronald P. Straub (Reg. No. 48,941)

as my attorneys to prosecute this application and to transact all business in the United States Patent and Trademark Office in connection therewith.

Modified PTO/SB/01 (10-01)
Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

DECLARATION AND POWER OF ATTORNEY Utility or Design Patent Application

Direct all correspondence to: Customer Number or Bar Code Lat		79	OR □ C	orrespondence address below			
Name Straub & Pokotylo							
Address 620 Tinton Avenue, Bldg. B. 2 nd Floor							
City Tinton Falls		State NJ		ZIP 07724-326()			
Country USA Te	elephone (732) 5	542-9070		Fax (732) 542-9071			
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.							
NAME OF SOLE OR FIRST INVENTOR:	A petition h	as been filed	d for this unsi	gned inventor			
Given Name (first and middle [if any]) Stephen		Family Name or Surname	Arnold				
Inventor's Signature Trypun Au	-dd			Date 3 10 04			
Residence: City New York	State NY	Coun	try USA	Citizenship USA			
Mailing Address 1 Washington Square Village							
City New York	State NY	ZIP	10012	Country USA			
NAME OF SECOND INVENTOR: A petition has been filed for this unsigned inventor							
Given Name (first and middle [if any]) Iwao		Family Name or Surname	Teraoka				
Inventor's Signature Maw	mh			Date 3 //0 /0 /			
Residence: City Ryc	State NY	Count	ry USA	Citizenship USA			
Mailing Address 32 Glen Oaks Drive							
City Rye	State NY	ZIP	10580	Country USA			
Additional inventors are being named on the	unnlemental Addition	anal Inventor(e)	sheet(s) PTO/SI	R/02A attached herete			

Modified PTO/SB/02A (11-00)
Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

DECLARATION AND

ADDITIONAL INVESTIGATION AND

POWER OT ATTORNEY

ADDITIONAL INVENTOR(S)
Supplemental Sheet
Page 4 of 4

Name of Additional Joint Inventor, if an	y:	A petition has been filed for this unsigned inventor						
Given Name (first and middle [if any])			Family N	lame or S	Surn	ame	
Frank Vollmer								
Inventor's Fyalle Vallelle							Date 03/10/04	
Residence: City New York	Sta	State NY		Country USA			itizenship Germany	
Mailing Address 1230 York Avenue								
Mailing Address								
City New York	Sta	State NY		ZIP 10021 Cou		intry USA		
Name of Additional Joint Inventor, if any:								
Given Name (first and middle [if any])				Family Name or Surname				
·								
Inventor's Signature							Date	
Residence: City		State		Country			Citizenship	
Mailing Address								
Mailing Address								
City		State		ZIP	Country		try	
Name of Additional Joint Inventor, if any:					nsigned inventor			
Given Name (first and middle [if any])			Family Name or Surname					
Inventor's Signature	,						Date	
Residence: City		State		Country		Citizenship		
Mailing Address								
Mailing Address								
City		е		ZIP		Cou	ountry	

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.